

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011512**Date Inspected:** 08-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Huajie**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

**OUTSIDE SHOP**

FCAW welding of weld joint 1G-165 located on PCMK FB039-003 of 9DW welder is identified as 207465.ZPMC QC is identified as Mr.Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-T-2231-B-U2-F-1.

SMAW welding of weld joint 4F-179 located on PCMK SSD11A-PP81 of 9DW welder is identified as 045268. ZPMC QC is identified as Mr.Li ping . The welding variables recorded by QC appeared to Comply with the WPS-B-P-2114-FCM-1.

FCAW welding of weld joint 3G-185 located on PCMK SSD11A-PP81 of 9DW welder is identified as 068097. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-TC-U4b-F.

FCAW welding of weld joint 2F-055 located on PCMK SSD13-PP83 of 9EW welder is identified as 204730. ZPMC QC is identified as Mr. Li ping. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2132-3.

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## WELDING INSPECTION REPORT

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FCAW welding of weld joint 2G-021 located on PCMK SB008-036 of Lift 6 welder is identified as 062752. ZPMC QC is identified as Mr. Zheng cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232-TC-U4b-F.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

No relevant Conversation.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Kumar,Chadra	Quality Assurance Inspector
<b>Reviewed By:</b>	Patterson,Rodney	QA Reviewer

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